

**Amendments to the Claims:**

Claims 1- 51 (canceled)

Claim 52 (previously presented) A kit for assessing the hemostatic potential of a test sample comprising:

- a coagulation activator at a concentration of 11 picomolar or less, or a coagulation activator and instructions for diluting the coagulation activator to a concentration of 11 picomolar or less;
- vesicles;
- a metal divalent cation or a metal salt capable of dissociating into a metal divalent cation;
- instructions for adding the coagulation activator, metal cation or metal salt, and vesicles to a test sample, and instructions for assessing the hemostatic potential of the test sample.

Claim 53 (previously presented) The kit of claim 52, wherein the vesicles are a plurality of different phospholipids.

Claim 54 (previously presented) The kit of claim 52, wherein the coagulation activator comprises tissue factor at a concentration of 11 picomolar or less.

Claim 55 (previously presented) The kit of claim 54, further comprising a calcium cation or calcium salt that dissociates into a calcium cation.

Claim 56 (currently amended) The kit of claim 52, wherein the kit is capable of indicating a sample to be any of hypocoagulable, normal ~~or~~ and hypercoagulable, depending upon the condition of the patient from which the sample was taken.

Claim 57 (previously presented) The kit of claim 52, wherein the kit is capable of indicating a patient, from which the sample was taken, to have any of thrombotic tendency, hemorrhagic tendency, or stasis, depending on the patient.

Claim 58-68 (canceled)

Claim 69 (currently amended) The kit of claim ~~52~~ 62, wherein said coagulation activator ~~the tissue factor~~ is present at a concentration of 8 picomolars or less.

Claim 70 (currently amended) The kit of claim 69, wherein said coagulation activator ~~the tissue factor~~ is at a concentration of 6 picomolars or less.

Claim 71 (currently amended) The kit of claim 70, wherein said coagulation activator ~~the tissue factor~~ is at a concentration of 3 picomolars or less.

Claim 72 (currently amended) The kit of claim 52, further comprising phospholipids at a concentration of from 10 to 300 micromolar and an activator of an anticoagulant pathway and instruction for adding the activator to the test sample.

Claim 73 (currently amended) The kit of claim 72, wherein the phospholipids are at a concentration of from 50 to 200 micromolar and the activator of the anticoagulant pathway is an activator of protein C.

Claim 74 (currently amended) The kit of claim ~~73~~ 66, wherein the protein C activator is thrombomodulin at a concentration of 30 nanomolar or less.

Claim 75 (previously presented) The kit of claim 74, wherein the thrombomodulin is at a concentration of from 5 to 20 nanomolar.

Claim 76-77 (canceled)

Claim 78 (previously presented) The kit of claim 74, wherein the thrombomodulin is provided separately from the coagulation activator.

Claim 79 (previously presented) The kit of claim 78, wherein the thrombomodulin is provided mixed with heparin, heparin sulphate or heparin-like molecules.

Claim 80 (previously presented) The kit of claim 52, wherein the coagulation activator is provided mixed with vesicles, the metal ions or metal salt are provided separately from the coagulation activator, and an activator of an anticoagulation pathway is provided separately from the metal ions or salt, and separately from the coagulation activator.

Claim 81 (previously presented) The kit of claim 80, wherein in a first container is provided tissue factor at a concentration of 11 picomolars or less mixed with vesicles which are phospholipids at a concentration of from 10 to 300 picomolar, in a second container is

provided a metal salt in a concentration of from 5 to 50 mM, and in a third container is provided the coagulation activator which is thrombomodulin at a concentration of 30 nanomolar or less.

Claim 82 (previously presented) The kit of claim 52, wherein a first container is provided having the coagulation activator which is tissue factor at a concentration of 11 picomolar or less mixed with vesicles which are phospholipids at a concentration of from 10 to 300 picomolar, a second container is provided having a metal salt in a concentration of from 5 to 50 micromolar, and a third container having the coagulation activator which is tissue factor at a concentration of 11 picomolar or less mixed with vesicles which are phospholipids at a concentration of from 10 to 300 picomolar and an activator of an anticoagulant pathway which is thrombomodulin at a concentration of 30 nanomolar or less.

Claims 83-96 (canceled)

Claims 97 (previously presented) The kit of claim 52, wherein the vesicles comprise platelets, cellular debris, phospholipid vesicles or platelet microparticles.

Claim 98 (previously presented) The kit of claim 52, wherein the vesicles are phospholipid vesicles prepared by dilution, sonication, dialysis or extrusion.

Claims 99-100 (canceled)